DIAMOND

DIAMALLOY

COPALOY

Recd 2/23/73

DIAMOND

AMERICAN MADE

TOOL CATALOG W30

January 1, 1973

DIAMOND TOOL *and Horseshoe Co.*

DULUTH, MINNESOTA — TORONTO, ONTARIO

CATALOG W-30

When ordering, specify our catalog number and the name of the item desired.

Prices for the tools or items in this catalog are shown in a separate price list. Prices are subject to change without notice.

All finishes, materials and designs as mentioned in this catalog are subject to change without notice.

Dimensions: All dimensions are shown in inches unless otherwise stated.

Delivery: F.O.B. Duluth, Minnesota or Toronto, Ontario

Shortage Claims: No claims will be allowed for shortages or other discrepancies unless reported within 10 days after receipt of shipment.

Guarantee: If any Diamond tool fails to give complete satisfaction and has not been abused or altered, return it to our factory in Duluth, Minnesota or Toronto, Ontario, transportation charges paid, and it will be repaired or replaced free of charge. There is no guarantee on any carbide bladed tools.

Returned Goods Policy: No merchandise may be returned without first receiving permission from our General Office in Duluth, Minnesota or Toronto, Ontario. No returns on discontinued items.

Liability: DIAMOND TOOL and Horseshoe Co. disclaims any responsibility and liability for damage or personal injury resulting from tools used improperly, or from tools repaired or modified by others, or from tools which have been abused or used beyond normal expectant tool life.

Safety: Use tools only for their designed purposes and within their size range. Wrenches are designed to a specific size—length—strength ratio, and to use additional leverage, like a "Cheater" is hazardous.

Always use eye protection for any job involving the use of tools.

PACKAGING

Diamond is now furnishing all the popular items in the new vacuum pack cards as illustrated. These attractive cards offer complete point of sale attraction, and are designed for self service merchandising. All are packed 5 per box and the letter "H" must be shown after each number if this type package is desired.

QUALITY STEEL FORGINGS SINCE 1908...

In the year 1908, the Diamond Tool and Horseshoe Company started manufacturing a patented Drive Calk for horseshoes which could be quickly inserted or removed and would not twist or turn in the shoe or drop out when in use. It was a great success and revolutionized the horseshoe industry. Later, drop forged horseshoes of all types were added to the line and are still being made in our factories in Duluth, Minnesota and Toronto, Canada.

With the advent of the tractor and the automobile, it became evident that the use of horses for work and transportation would decrease. Our long experience and knowledge of forging was then applied to the manufacture of adjustable wrenches from tool steel. A few years later the addition of Diamalloy Adjustable Wrenches from special high tensile strength alloy steel was made. Diamalloy wrenches and pliers are heat treated by the most modern methods which include induction hardening of cutting edges on snips and cutting pliers.

With the demand for wrenches and pliers increasing steadily during the past twenty years, Diamond Tool and Horseshoe Company has become one of the largest manufacturers of wrenches and pliers in the world. The addition of many kinds of pliers, tin snips, nippers, and other tools has broadened the line to include the quality tools shown in this catalog. Other drop forgings manufactured include pitching horseshoes.

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DIAMALLOY® ADJUSTABLE WRENCHES

DIAMALLOY CHROME PLATED WRENCHES

Diamalloy Adjustable Wrenches are made of alloy steel of remarkable strength. Diamalloy Wrenches are tested for hardness and tested for strength. Exceeds all Federal specifications for hardness and strength.

Furnished nickel chrome plated with side of head buffed to a high, beautiful lustre. Handle has soft, velvety finish — pleasing to hold — not slippery. Packed in attractive individual cartons.

NICKEL CHROMIUM PLATED NUMBER	WITH CRYSTAL GRIPS NUMBER	SIZE, INCHES	SIZE, MM.	CAPACITY, INCHES	THICKEST PART OF HEAD, INCHES	TIP OF JAW, INCHES	WEIGHT PER TOOL
D74	D74P	4	100	1/2	5/16	1/8	2 oz.
D76	D76P	6	150	3/4	13/32	7/32	4 oz.
D78	D78P	8	200	15/16	15/32	1/4	8 oz.
D710	D710P	10	250	1 1/8	9/16	3/8	14 oz.
D712	D712P	12	300	1 5/16	3/4	15/32	1 lb. 7 oz.
D715		15	375	1 11/16	31/32	9/16	3 lb. 3 oz.
D718		18	450	2 1/16	1 3/16	3/4	5 lb. 13 oz.
D724		24	600	2 1/2	1 7/16	15/16	9 lb. 3 oz.

CRYSTAL GRIP HANDLES ON DIAMALLOY WRENCHES

Chrome plated Diamalloy Wrenches with handles bonded with transparent green vinyl for a comfortable, cushioned grip. Vinyl is easy to clean, grease resistant, non-slip, non-sparking and will not crack or chip. Packed in individual cartons. See page 26 for special Crystal Grip display assortment.

D78P
with Crystal Grip handles

DB78

DIAMALLOY DOUBLE END WRENCHES

Very convenient where light weight and small space are important. The same quality as Diamalloy single end wrenches, and parts are interchangeable with single end. Nickel chrome plated with sides of head buffed.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
DB76	4-6	1/2 - 3/4	4 oz.
DB78	6-8	3/4 - 15/16	8 oz.
DB710	8-10	15/16 - 1 1/8	16 oz.
DB712	10-12	1 1/8 - 1 5/16	1 lb. 11 oz.

D78

D715, D718, D724
have tapered handles

A28

A215

DIAMOND (BLACK) ALLOY STEEL ADJUSTABLE WRENCHES

Diamond Wrenches are forged of special quality alloy steel, subjected to the most modern scientific process of heat treating. New design and heat treating methods have made it possible to slenderize Diamond Wrenches without sacrificing strength. Black parkerized finish. Sizes 4"-12" packed six per box, sizes 15" and 18" packed one per box.

NUMBER	SIZE, INCHES	SIZE, MM.	CAP., INCHES	WEIGHT PER TOOL
A24	4	100	1/2	2 oz.
A26	6	150	3/4	4 oz.
A28	8	200	15/16	8 oz.
A210	10	250	1 1/8	14 oz.
A212	12	300	1 5/16	1 lb. 7 oz.
A215	15	375	1 11/16	3 lb. 3 oz.
A218	18	450	2 1/16	5 lb. 13 oz.

See page 22 for adjustable wrench parts.

DIAMALLOY® and DIAMOND® WRENCHES

S8

New! WIDER OPENING SPECIAL WRENCHES

Diamalloy Special Wrenches have wider openings for valves and other fittings in sizes preferred by refrigeration mechanics and for other special uses. Wider openings give more versatility in home and shop work. All have highly polished chrome finish with Crystal Grip transparent green vinyl handles.

NO.	SIZE, INCHES	SIZE, MM.	CAP. INCHES	WEIGHT PER TOOL
S6	6	150	15/16	4 oz.
S8	8	200	1 1/8	8 oz.
S10	10	250	1 5/16	14 oz.
S12	12	300	1 1/2	1 lb. 7 oz.

RS1

DIAMALLOY REFRIGERATION RATCHET

Reversible ratchet wrench is especially adapted for refrigeration work with female 1/4" square drive (20-tooth action) and handle openings of 3/16", 1/4", and 5/16" and a 6-point opening for 1/2" hexagon nuts and bolts. Chrome plated.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
RS1	6 1/4	6 oz.

RF57

FLARE NUT WRENCHES

These three popular sizes are most commonly used on refrigeration flare nuts.

NO.	SIZE	CAPACITY	WEIGHT
RF53	5/8 x 11/16	11/16-5/16	4 ozs.
RF57	13/16 x 1 1/16	1 1/16-5/8	1 lb.
RF58	15/16 x 1 5/16	1 5/16-3/4	1 lb. 12 ozs.

CC712

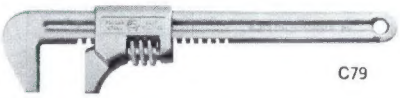
DIAMOND MONKEY WRENCHES

These are ideal tools for the railroad, aviation and plumbing industries. Both handle and movable jaw are drop forged from high quality tool steel with durable hammer head. Proved valuable not only to specialized industrial use, but for auto and general utility work. Exceeds government specifications. Nickel chrome plated.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
CC712	12	3	2 lb.

REPAIR PARTS

Size inches	Jaw	Knurl	Pin
12	CC712J	CC712K	CC712P



C79

DIAMOND AUTO WRENCHES

A handy adjustable wrench with sliding jaw that can apply non-slipping pressure to small or large nuts. Drop forged of Diamond special analysis tool steel. Precision machined and nickel chrome plated. Exceeds Government specifications.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
C79	9	2 3/4	15 oz.
C711	11	3	1 lb. 8 oz.
C715	15	3 5/8	3 lb. 3 oz.
C718	18	4 3/8	4 lb. 6 oz.

REPAIR PARTS

Size inches	Jaw	Knurl	Pin
9	C79J	C79K	C79P
11	C711J	C711K	C711P
15	C715J	C715K	C715P
18	C718J	C718K	C718P

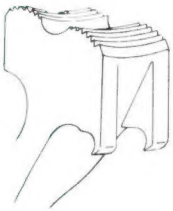
CW12A

CW12

CW15, CW24

DIAMALLOY CHAIN WRENCHES

An excellent tool for pipe fittings. Chain wrenches can be used in many instances where an ordinary pipe wrench will not fit. Strong handles have I-beam construction similar to Diamalloy Adjustable Wrenches. Nickel chrome plated to resist rust. CW12A (single action) works fine in removing automobile oil filters. All double action models work in both directions: CW12 has 16-inch chain; CW15 has 19-inch chain; CW24 has 23-inch chain.



CONCAVE-CUT TEETH GRIP BETTER

Concave teeth may be easily resharpened if required.

U. S. Pat. No. 3304817

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
CW12A	12	4	1 lb. 8 oz.
CW12	12	4	1 lb. 12 oz.
CW15	15	5	2 lb. 8 oz.
CW24	24	6	3 lb. 3 oz.

REPAIR PARTS

Chain for 12" wrench	CW12C
Chain for 15" wrench	CW15C
Chain for 24" wrench	CW24C

DIAMALLOY® PLIERS

New!

DIAMALLOY GROOVE-JOINT® PLIERS

LOCKING GROOVE-JOINT® PLIERS

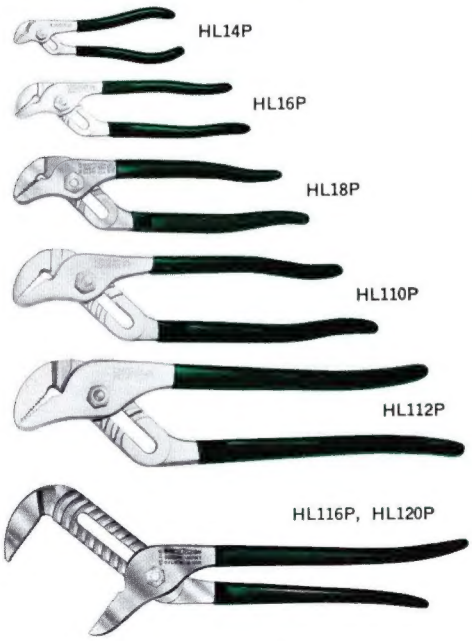
FORGED UNDERCUT MEANS UNINTERRUPTED GRAIN FLOW . . . NO REINFORCING FLANGE NECESSARY

CHROME PLATED, WITH OR WITHOUT PLASTIC BONDED HANDLES.

BOTH JAWS ELECTRONICALLY HARDENED. NEW LIGHTER, THINNER, STRONGER HEAD

(TRANSPARENT VIEW)

LOCKING GROOVE JOINT DIAMOND FORGED TOOL IS STRONGER BECAUSE STEEL GRAIN IS NOT CUT. THE NEW UNDERCUT FEATURE OF DIAMALLOY GROOVE JOINTS MEANS A FREE WORKING ACTION.



A new design with undercut locking grooves gives Diamalloy Groove-Joint Pliers new strength and precision at all variations of jaw openings. The "undercut" grooves are actually forged, thus assuring uninterrupted grain flow of the steel. The jaws also are thinner, thus lighter and more convenient in access to confined work. All are forged from Diamalloy special analysis tool steel, beautifully nickel chrome plated, with oil proof plastic dipped and bonded handles if desired.

The HL112 Groove-Joint plier has six grooves and opens wide for use by plumbers on unions and fixtures. If smooth jaws are desired, order by specifying the letter S.

The HL120P plier is the largest size of this type and opens to 5½ inches.

The HL116 and HL120P pliers have eleven grooves so that all size objects are easily and securely held.

P after stock number indicates plastic handles; S indicates smooth jaws.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
HL14	4	0-½	2 oz.
HL14P	4	0-½	2 oz.
HL16	6	0-1	5 oz.
HL16P	6	0-1	5 oz.
HL18	8	0-1¼	8 oz.
HL18P	8	0-1¼	9 oz.
HL110	10	0-1 13/16	12 oz.
HL110P	10	0-1 13/16	13 oz.
HL112	12	0-2⅛	1 lb. 7 oz.
HL112P	12	0-2⅛	1 lb. 8 oz.
HL112S	12	0-2⅛	1 lb. 7 oz.
HL112SP	12	0-2⅛	1 lb. 8 oz.
HL116	16	0-4¼	2 lb. 7 oz.
HL116P	16	0-4¼	2 lb. 9 oz.
HL120P	20	0-5½	3 lb. 13 oz.

HP15P

HP17P, HP110P, HP111P

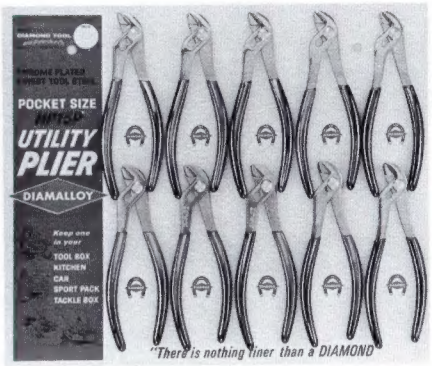
DIAMALLOY PUMP AND UTILITY PLIERS

Can be used for all plier purposes and light pipe wrench work. Have slip-joint adjustments.

HP15 and HP15P are small, five-inch ignition pliers, also handy for general household work.

All have polished nickel chrome finish except HP210 and HP210P, which are satin nickel chrome. Specify suffix P when plastic handles are desired.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
POLISHED NICKEL CHROMIUM			
HP15	5	0-½	2 oz.
HP15P	5	0-½	2 oz.
HP17	7	0-1	6 oz.
HP17P	7	0-1	6 oz.
HP110	10	0-1¾	11 oz.
HP110P	10	0-1¾	11 oz.
HP111P	11	2	15 oz.
SATIN NICKEL CHROMIUM			
HP210	10	0-1¾	11 oz.
HP210P	10	0-1¾	11 oz.



IGNITION AND UTILITY PLIER DISPLAY

Order #15 Ignition and Utility Plier Display. Can be wall mounted or counter displayed. Contains 10—HP15P pliers in reshipping carton. Shipping weight 1 lb. 8 ozs.

For Plier Repair Parts—See Page 22.

DIAMOND® and DIAMALLOY® PLIERS

H16, H18, H110

DIAMALLOY SLIP-JOINT WIRE CUTTING PLIERS

The H16, H18 and H110 pliers are drop forged of finest Diamalloy steel. Slip-joint style, with special slot wire cutting feature placed ahead of the recessed bolt to obtain greatest possible leverage. Cutting edge is induction heat treated. Carefully machined, hardened jaw teeth. Nickel chromium plating and buffing gives extra fine finish. Knurled handles.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
H16	6	1	8 oz.
H18	8	1¼	9 oz.
H110	10	1½	15 oz.

P17

PH18

DIAMOND SLIP-JOINT SIDE CUTTING PLIERS

A slenderized plier with side cutters added. A strong, sturdy tool with keen, hardened cutting edges that cut easily. The PH18 plier has a slender nose with side cutting feature. Knurled handles. Recessed bolt. Polished nickel chrome plating.

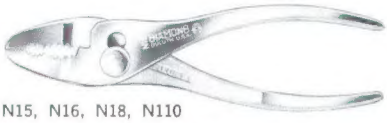
NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
P17	7	1	8 oz.
PH18	7½	1¼	9 oz.

M16

DIAMOND THIN BENT NOSE PLIERS

Nose is bent at 30-degree angle for special work. Teeth are exceptionally sharp and strong. Slip-joint style with wire cutter. Knurled handles. Drop forged from high grade tool steel, carefully hardened. Polished nickel chrome plating.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
M16	6	1	8 oz.



N15, N16, N18, N110

DIAMOND THIN STRAIGHT NOSE PLIERS

An especially good tool for reaching and gripping objects hard to get at with ordinary pliers. Teeth are exceptionally sharp and strong. Slip joint style with wire cutter. Knurled handles. Drop forged from high grade tool steel, carefully hardened. Polished nickel chrome plating.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
N15	5	¾	4 oz.
N16	6	1	7 oz.
N18	8	1¼	10 oz.
N110	10	1½	17 oz.

K14P

MINI-PLIER

Mini-plier, pocket size, ideal for tool box, kitchen, car, sport pack, tackle box. Polished, nickel chrome plated with plastic handles.

MINI-PLIER DISPLAY

Order #10 Mini-Plier Display. Can be wall mounted or counter displayed. Contains 10—K14P Slip-Joint Pliers in reshipping carton.

Shipping Weight 2 lbs.

K15

DIAMOND SLIP-JOINT PLIERS

A slip-joint plier with wire cutter made from special steel, drop forged, machined and hardened by special methods to meet the most exacting standards. Knurled handles. Polished nickel chrome plating.

NUMBER FULL POLISHED NICKEL CHROME	NUMBER SEMI-POLISHED NICKEL CHROME	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
K14P		4	¾	2 oz.
K15	K25	5	¾	4 oz.
K16	K26	6	1	8 oz.
K18	K28	8	1¼	8 oz.
K110	K210	10	1½	15 oz.

K35, K36, K38, K310
Bulk Package

DIAMOND SLIP-JOINT PLIERS

A quality tool, slip-joint style with wire cutter. Knurled handles. Drop forged from high grade tool steel. Nickel chrome plating with satin finish. Five and six-inch pliers are furnished in cartons of one dozen. Eight-inch and ten-inch pliers are packed six to a box.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	NUMBER IN BOX	WEIGHT PER TOOL
K35	5	¾	12	4 oz.
K36	6	1	12	7 oz.
K38	8	1¼	6	8 oz.
K310	10	1½	6	16 oz.

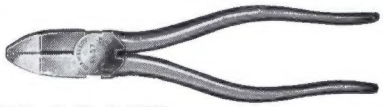
COMBINATION PLIER REPAIR PARTS

4" Plier Bolts and Nuts	44BN
5" Plier Bolts and Nuts	45BN
6" Plier Bolts and Nuts	46BN
8" Plier Bolts and Nuts	48BN
10" Plier Bolts and Nuts	410BN

DIAMALLOY® PLIERS

SL56P

SL56, SL58



SL56NE, SL57, SL58NE

DIAMALLOY LINEMEN'S SIDE CUTTING PLIERS

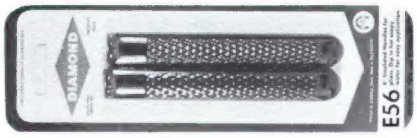
Especially designed for linemen and others whose requirements are unusually strenuous and exacting. Drop forged from tough Diamalloy steel, with electronically hardened cutting edges and jaw serations. Gun metal handles with polished head; available with plastic dipped handles if desired.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SL56	6	7 oz.
SL56P	6	8 oz.
SL56NE	6	7 oz.
SL56NEP	6	8 oz.
SL57	7	10 oz.
SL57P	7	11 oz.
SL58	8	15 oz.
SL58P	8	16 oz.
SL58NE	8	15 oz.
SL58NEP	8	16 oz.
SL59NE	9	1 lb. 1 oz.
SL59NEP	9	1 lb. 2 oz.

ISL56

Diamalloy linemen's side cutting pliers are available with insulated handles with nonslip knurled grip. Dielectric data furnished on request to responsible personnel.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
ISL56	6	9 oz.
ISL56NE	6	9 oz.
ISL57	7	11 oz.
ISL58	8	1 lb. 1 oz.
ISL58NE	8	1 lb. 1 oz.
ISL59NE	9	1 lb. 3 oz.



INSULATED HANDLES

Transparent "Tenite" bright green slip-on handles provide better gripping and greater comfort. Available in 4 sizes. Easily applied. Packed one pair per card for self service merchandising.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
E56	6	1 oz.
E57	7	1 oz.
E58	8	2 oz.
E59	9	2 oz.

DN58P

DIAMALLOY EXTRA LONG NOSE DUCK BILL PLIERS

Extra long, flat jaws give strength and utility in tight places, and an unusually firm grip. Drop forged of finely tempered Diamalloy steel which stands heavy pressure. Ends of jaws are diamond scored.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
DN58	8	3	7 oz.

DN56P

DIAMALLOY SHORT NOSE DUCK BILL PLIERS

A flat nose plier with exceptional gripping ability. Drop forged of finely tempered Diamalloy steel. Jaws of DN56 are diamond scored, but can be furnished with plain jaws on special order. See page 13 for Copaloy four-inch duck bill plier.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
DN56	6	2	5 oz.

NN58P

DIAMALLOY LONG-REACH NEEDLE NOSE PLIERS

This plier is similar to DB58 (below) except jaws have a fine needle point. Excellent for wiring, forming loops, terminals. Ideal for radio and television repair and assembly line work. Jaws are diamond scored.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
NN58	8	1⅜	6 oz.

DB58P

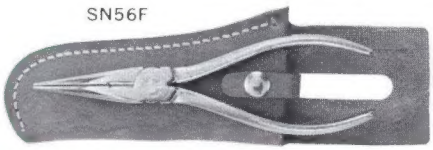
DIAMALLOY LONG-REACH, SHORT-NOSE DUCK BILL PLIERS

An ideal plier for aircraft and automotive work. Very useful in repair of typewriters and office machines. Fine for wiring and assembly line work. Jaws are Diamond scored.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
DB58	8	1⅜	6 oz.

SN56F



FISHERMAN'S PLIER WITH LEATHER HOLSTER

Long nose plier with side cutter. Ideal for removing hooks from fish and also for cutting hooks and line. Chrome plated and leather holster is standard.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SN56F	6	8 oz.

PLASTIC HANDLES

All Diamalloy pliers shown on pages 8, 9, 10 and 11 are available with dipped and bonded green plastic cushion grip handles. The letter P behind stock number indicates plastic handles, for ordering and identification purposes, but all tools with plastic handles do not have the letter P stamped on the tool. If without plastic handles, tools have gun metal finish.

DIAMALLOY® PLIERS

S54P, S55P, S56P

S56SP

S57P

DIAMALLOY DIAGONAL CUTTING PLIERS

Forged of tough Diamalloy steel, with electronically hardened cutting edges. Handles are shaped to fit the hand comfortably and give good balance. Polished head with gun metal handles or dipped and bonded plastic handles. Packed one in a box or in holster hangers for display. See pages 12, 13 and 14 for Copaloy four-inch and five-inch cutting pliers for electronics use. S56S is similar to S56, but has a shorter cutter, giving it more cutting power at the end of the nose.

Indicate letter P for plastic handles and R for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
S54	4	3 oz.
S55	5	4 oz.
S56	6	6 oz.
S56s	6	5 oz.
S57	7	7 oz.

S54-6

LONG HANDLE DIAGONAL PLIER

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
S54-6	6	5 oz.

Designed for less fatigue. The head and jaws of the S54RGP with longer handles. Furnished with plastic handles and springs only. Flush cut only.

COIL SPRING IN HANDLES

When available, a coil spring in handles is indicated by the letter R after stock number. All tools with coil springs do not have the letter R stamped on the tool.

S54RGP, S55RGP, S56RGP, S57RGP

S55 5RP

DIAMALLOY NARROW NOSE FLUSH CUT DIAGONAL PLIERS

These pliers are made from the regular S54, S55, S56 and S57 pliers, with the jaw ground flush and the nose tapered. The small sizes are used in cutting fine wire in confined areas and close to the surface of printed circuit electrical panels. All of these pliers are ideal for gates and the sprue of injection molded plastic items. See pages 11, 12, 13 and 14 for other flush cutting pliers.

S54-5RP and S55-5RP are ground flush with straight sides.

Indicate letter P for plastic handles and R for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
S54RGP	4	3 oz.
S54-5RP straight sides	4	3 oz.
S55RGP	5	4 oz.
S55-5RP straight sides	5	4 oz.
S56RGP	6	5 oz.
S57RGP	7	7 oz.

SC56P

DIAMALLOY ELECTRONIC CUTTING PLIER

Has a ¼″ cutter on one side of the jaw with an anvil on the other jaw.

Indicate letter P for plastic handles and R for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SC56P	6	6 oz.
SC56RP	6	6 oz.

SS57P

SS57FP

SS57SFP

SS58P

DIAMALLOY HEAVY DUTY DIAGONAL CUTTING PLIERS

An extra sturdy cutting tool of unusual strength. Drop forged of tough Diamalloy tool steel, with strong and sharp, electronically hardened cutting edges. Handles and jaws are extremely increased in strength and toughness. Will give long service on heavy duty jobs. Polished heads with gun metal handles or dipped plastic handles.

The SS57F and SS58F are modified from the SS57 and SS58. The face is ground flush and handles are bent. Primary use for the SS57F and SS58F is cutting aluminum or other soft aircraft rivets or plastic parts. The flush ground pliers are not for cutting steel or hard items because of the sharp flush cutting edges.

The SS57SF is a short-nose, semi-flush cut diagonal with cutter ½″ long.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SS57	7	8 oz.
SS57F Bent Handles flush ground	7	8 oz.
SS57SF short-nose semi-flush	7	8 oz.
SS58	8	9 oz.
SS58F Bent Handles flush ground	8	9 oz.

DIAMALLOY® PLIERS

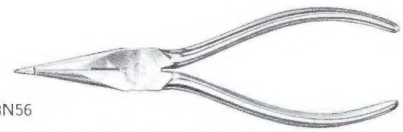
SN56P, SN57P, SN58P

LONG NOSE SIDE CUT PLIERS

Drop forged of tough Diamalloy tool steel, with cutting edges electronically hardened and handles and jaws increased in strength and toughness. Polished head with gun metal handles or plastic dipped handles. Ends of jaws are diamond scored. See pages 13 and 14 for Copaloy long-nose pliers.

Indicate letter "P" for plastic handles and "R" for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SN56	6	6 oz.
SN57	7	7 oz.
SN58P	8	9 oz.



SBN56

DIAMALLOY BEAD PLIERS

Tip is specially ground for bending fine bead wire in hobby and jewelry work. Chrome plated, jaws fine scored.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
SBN56	6	6 oz.

ST55RP

DIAMALLOY WIRE STRIPPING PLIER

Has three holes accurately drilled and counterbored on both sides for stripping 18, 20 and 22-gauge wire. Furnished with plastic handles and springs.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
ST55RP	5	4 oz.

LN56P, LN57P

DIAMALLOY LONG NOSE PLIERS

Same as pliers at left, but without side cutter. Especially made for radio and telephone workers. Forged of Diamalloy steel. Unusual strength and gripping ability. Polished head with gun metal handles or plastic dipped handles. Ends of jaws are diamond scored. LN57-1RP has fine scoring, fine points, and pilot pin. See pages 12, 13 and 14 for Copaloy four-inch and five-inch pliers.

Indicate letter P for plastic handles and R for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
LN56	6	6 oz.
LN57	7	7 oz.
LN57-1 fine scoring, fine points and pilot pin	7	7 oz.

NN56P, NN57P

DIAMALLOY NEEDLE NOSE PLIERS

Slender jaws have unusually strong gripping ability. Forged of Diamalloy steel, individually inspected and tested. Polished head with gun metal handles or plastic dipped handles. Ends of jaws are diamond scored. For fine scoring specify NN56-FS. See page 13 for Copaloy four-inch and five-inch needle nose pliers.

Indicate letter P for plastic handles and R for coil spring when ordering. Spring not available on 7-inch size.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
NN56	6	5 oz.
NN57	7	6 oz.

CN56P

DIAMALLOY CURVED NEEDLE NOSE PLIERS

Bent to a 75° angle for hard-to-get-at places, as in electronic assembly and repair. Takes the place of a variety of special tools for different jobs. Special analysis Diamalloy tool steel, heat treated by latest methods to give great strength and durability. Polished head with gun metal handles or plastic dipped handles. Ends of jaws are diamond scored. See pages 12, 13 and 14 for Copaloy four-inch and five-inch pliers.

Indicate P for plastic handles when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
CN56	6	6 oz.
CN56P	6	6 oz.

LC56P

DIAMALLOY LONG NOSE SPECIAL WIRE CUTTER

LC56 cutting plier has very fine cutter on the end of nose for reaching into confined areas and cutting very small wires. Not intended for heavy work. Forged of Diamalloy tool steel. Polished head with gun metal handles or plastic dipped handles. Also availabel with cutter on an angle instead of on flat side (Specify LC56-1 for angle cut). See page 14 for Copaloy five-inch end cutters.

Indicate letter P for plastic handles and R for coil spring when ordering.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
LC56	6	6 oz.
LC56-1 angle cut	6	6 oz.

DIAMALLOY® PLASTIC CUTTING PLIERS

The extremely sharp, flush ground cutting edges on these tools are not intended for cutting metal. All of these pliers and nippers are ideal for use in cutting gates and sprue of injection molded plastic items. Springs between the handles are available on all of these tools except SS57F, G56F, G57F and G58F. Bonded plastic dipped handles are on all tools.

M56RP, M57RP

DIAMALLOY HEAVY DUTY PLASTIC CUTTER

Has flush ground flat back for close cutting. Both sizes have coil springs and plastic cushion grip handles. Not intended for cutting metal.

NUMBER	SIZE, INCHES	BLADE LENGTH, INCHES	WEIGHT PER TOOL
M56RP	6	13/16	6 oz.
M57RP	7	1 1/16	7 oz.

EC54F

COPALOY FLUSH END TRANSVERSE CUT PLIERS

Miniature transverse end cutter, finished at tip for flush cutting.

Furnished with plastic handles and spring without specifying R and P in stock number.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
EC54F	4	1	2 oz.

GA54, GA54-4

COPALOY MINIATURE FLUSH TRIM ANGLE NIPPER

Jaws are angled at 29° with cutting edges flush ground. GA54-4 has carbide cutting blades. Carbide cutting plier not guaranteed.

Furnished with plastic handles and spring without specifying R and P in stock number.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
GA54	4	3/8	2 oz.
GA54-4 carbide blades	4	3/8	2 oz.

SS57FP

DIAMALLOY FLUSH CUTTING PLIERS WITH OFFSET HANDLE

This is a modified SS57 plier with the face flush ground and handles bent to permit easy flush cutting of soft rivets or plastic. Polished head with plastic dipped handles.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
SS57FP	7	1	8 oz.

G56F, G57F, G58F

DIAMALLOY FLUSH CUT END NIPPER

Designed with wide throat clearance, ample handle leverage and jaws at just the right angle for easiest cutting. Electronically hardened cutting edges. Flush cut for plastic and soft material only.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
G56F	6	1 1/16	8 oz.
G57F	7	1 5/32	11 oz.
G58F	8	1 1/4	14 oz.

S54RGP, MS54G, S55RGP, S56RGP, S57RGP

DIAMALLOY FLUSH GROUND DIAGONAL CUTTING PLIERS

All have jaws flush ground, with nose tapered. Ideal for working in confined areas. Polished heads with plastic cushion grip handles and springs.

MS54G Copaloy is furnished with plastic handles and spring without specifying R and P in stock number.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
S54RGP	4	5/8	3 oz.
MS54G	4	1/2	2 oz.
S55RGP	5	3/4	4 oz.
S56RGP	6	13/16	6 oz.
S57RGP	7	1	7 oz.

S55-3RP

THIN DIAGONAL CUTTERS

Diagonal flush cutter, ground down on back side for reaching into confined places.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
S54-3RP	4"	5/8	3 oz.
S55-3RP	5"	3/4	4 oz.
S56-3RP	6"	13/16	6 oz.
S57-3RP	7"	1	7 oz.

COPALOY ELECTRONIC PLIERS

All Copaloy pliers are furnished with coil spring and plastic handles without specifying R and P in stock numbers. Copaloy pliers are furnished without spring and plastic handles on special request only.

U. S. Patent
No. 3404457

SMOOTHER ACTION... LONGER WEAR IN PERFECT ALIGNMENT

The copper alloy rivet distinguishes the Copaloy line of miniature electronic pliers. Like a precision bearing, Copaloy eliminates steel-against-steel friction in a permanent, corrosion-proof joint that will wear longer and smoother . . . and maintain perfect alignment of tips and cutting edges. Each plier is drop forged of special analysis steel for extreme toughness and rigidity. Cutting edges are electronically hardened. Machining is to close tolerances, with individual finishing and testing for exact fit of jaws. All have polished head with gun metal handles. Packed six in a box. All Copaloy pliers are furnished with coil spring and plastic handles without specifying R and P in stock number.

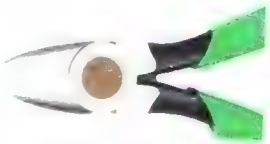
DIAGONAL CUTTING PLIER

Pictured above, general purpose cutter with 7/16" cutting blade.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54	4	7/16	2 oz.

MS54G

TAPERED DIAGONAL CUTTER



Diagonal cutter with flush ground edges, tapered point and narrow tips.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54G	4	7/16	2 oz.

MS54-1

SNUB NOSE DIAGONAL

Snub nose diagonal cutter with tips that narrow to 3/32".

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-1	4	7/32	2 oz.

MS54-2

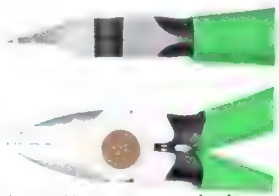
CARBIDE BLADE SHEAR

Heavy duty carbide blade shear, ideal for cutting transistor leads.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-2	4	1/4	2 oz.

MS54-3

THIN DIAGONAL CUTTER



Diagonal flush cutter, ground down on back side for reaching into confined places.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-3	4	7/16	2 oz.

MS54-4

CARBIDE DIAGONAL CUTTER

Flush diagonal cutter with heavy duty carbide steel blades. Not guaranteed.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-4	4	11/32	2 oz.

MS54-5

FLUSH CUTTING DIAGONAL

Diagonal cutter with straight sides and flush ground.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-5	4	7/16	2 oz.

MS54-6

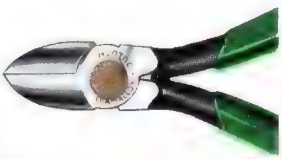
SHORT NOSE DIAGONAL

Flush cutting diagonal with short nose for very high leverage.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-6	4	1/4	2 oz.

MS54-7

FLUSH CUTTING DIAGONAL



Diagonal cutter with flush ground cutting edges.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
MS54-7	4	7/16	2 oz.

WITH THE COPPER ALLOY BEARING

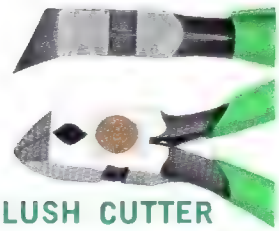
All Copaloy pliers are furnished with coil spring and plastic handles as standard.

WIRE HOLDING DIAGONAL PLIERS

Special wire holding metal clips prevents cut off wire from flying out and injuring workers. Also keeps wire from falling into short circuiting areas.

This exclusive feature now available on regular miniature diagonals, MS54W and flush cutting diagonal pliers, MS54GW. All have plastic handles and springs.

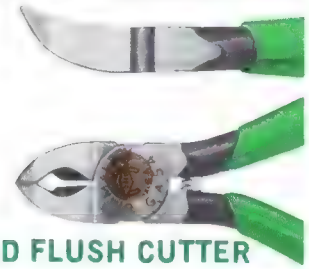
NUMBER	SIZE, INCHES	LENGTH OF CUTTER	WEIGHT PER TOOL
MS54W	4	7/16	2 oz.
MS54GW	4	7/16	2 oz.


GA54

ANGLED FLUSH CUTTER

Cutting blade is flush ground and angled at 29°. GA54-4 is same with heavy duty carbide steel blades. Carbide cutting plier not guaranteed.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
GA54	4	3/8	2 oz.
GA54-4	4	3/8	2 oz.


GA54-2

ROUNDED FLUSH CUTTER

Similar to GA54, but with cutting edge round on back.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
GA54-2	4	3/8	2 oz.

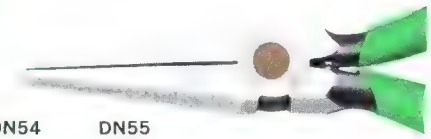
CN54

CN55

CURVED LONG NOSE PLIERS

For reaching into confined places. Similar to LN54 and LN55. CN54 nose bent approximately 60° and CN55 nose bent approximately 45°.

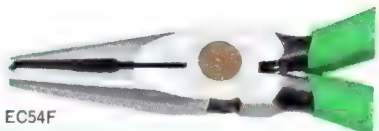
NUMBER	SIZE, INCHES	LENGTH OFFSET PART JAWS, INCHES	WEIGHT PER TOOL
CN54 Smooth jaws	4	3/4	2 oz.
CN55 Smooth jaws	5	7/16	3 oz.


DN54 DN55

DUCK BILL PLIERS

Flat nose duck bill pliers with smooth jaws. Scored jaws are available on special order.

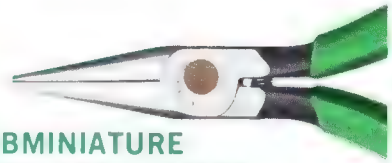
NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
DN54	4	13/16	2 oz.
DN55	5	1½	3 oz.


EC54, EC54F

TRANSVERSE END CUTTER

Ideal for cutting close on printed circuit work. EC54F is flush ground on cutting edges.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
EC54	4	1	2 oz.
EC54F	4	1	2 oz.


L4

SUBMINIATURE LONG NOSE PLIERS

Very fine point for delicate work in very confined areas. L4 has scored jaws; L4-1 has smooth jaws, rounded edges.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
L4	4	3/4	2 oz.
L4-1	4	3/4	2 oz.

NN54-2

FINE NEEDLE NOSE PLIERS

Same as NN54, but with point finished to 1/32". Scored Jaws.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
NN54-2	4	1 3/16	2 oz.

NN54, NN54-1

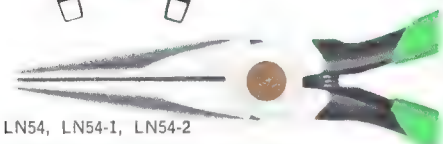
NEEDLE NOSE PLIERS

NN54 and N N55 have scoring on jaws. NN54-1 has smooth jaws with slightly rounded edges.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
NN54	4	1 13/16	2 oz.
NN54-1 Smooth Jaws	4	1 3/16	2 oz.
NN55	5	1 7/8	3 oz.
NN55-1 Smooth Jaws and pilot pin.	5	1 7/8	3 oz.
NN55-3 Scored Jaws, with pilot pin.	5	1 7/8	3 oz.

MORE COPALOY® ELECTRONIC PLIERS

All Copaloy pliers are furnished with coil spring and plastic handles without specifying R and P in stock numbers. Copaloy pliers are furnished without spring and plastic handles on special request only.



LN54, LN54-1, LN54-2

LONG NOSE PLIERS

LN54 and LN55 have finely scored jaws. LN55-1 has smooth jaws with slightly rounded edges – approximately .050 radius. LN54-2 is finished to a very fine point.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
LN54	4	1 3/16	2 oz.
LN54-1	4	1 3/16	2 oz.
Smooth Jaws.			
LN54-2	4	1 3/16	2 oz.
Fine scoring, fine point.			
LN55	5	1 15/16	3 oz.
LN55-1	5	1 15/16	3 oz.
Smooth Jaws, with pilot pin.			
LN55-3	5	1 15/16	3 oz.
Scored Jaws, with pilot pin.			

SN54, SN55

LONG NOSE SIDE CUTTER

Similar to long nose pliers above with 7/32" cutter near joint.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
SN54	4	1 3/16	2 oz.
SN55	5	1 15/16	3 oz.

LC55-2

SPECIAL ANGLED END CUTTER

Special angled cutter for nickel ribbon wire. Has 9/32" cutter at end of 7/8" jaws. Cutting edges are ground flush.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
LC55-2	5	7/8	3 oz.

SC54

LONG NOSE TIP CUTTER

Has 3/16" cutter 1/8" from tips.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
SC54	4	1 3/16	2 oz.

LC55

LONG NOSE END CUTTER

Has very fine 1/4" cutter at nose end for reaching into confined places.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
LC55	5	1 5/8	3 oz.

RN54

ROUND NOSE PLIER

Jaws are round and smooth for forming loops in wire. Useful in hobby work and in repair and making of jewelry.

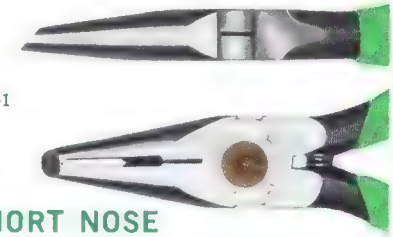
NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
RN54	4	7/8	2 oz.

SN54-2

LONG NOSE SIDE CUTTER WITH RADIUS EDGES

Same as SN54, but with radius edges beginning 1/4" from tips.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
SN54-2	4	1 3/16	2 oz.



LC55-1

SHORT NOSE ANGLED END CUTTER

Has 3/16" angled cutter at end of 7/8" jaws. Cutting edges are ground flush.

NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
LC55-1	5	7/8	3 oz.

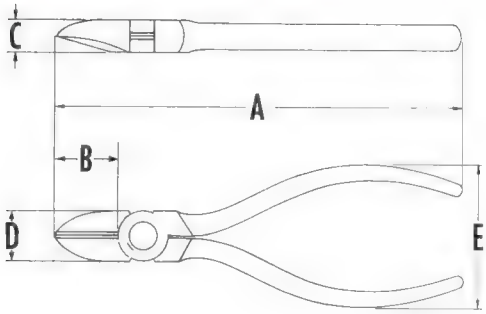
C-1

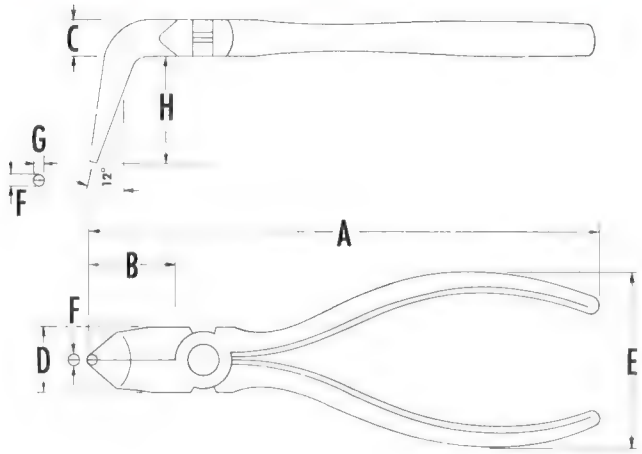
ELECTRONICS HANDY PACK ASSORTMENT

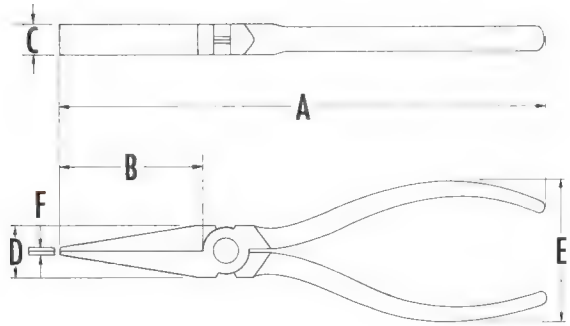
Six popular four-inch Copaloy electronics pliers in a handy, sturdy leather pocket carrier which closes easily with heavy-duty brass snaps. Tools included are EC54, MS54, SN54, NN54, LN54 and DN54. Order assortment number C-1. Any other Copaloy tool assortment will be furnished if specified. Packed one assortment per carton. Shipping weight 1 lb.

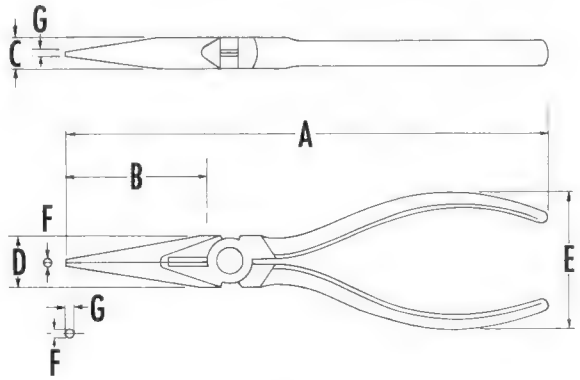
COPALOY and DIAMALLOY ELECTRONIC PLIERS

SIZES and DIMENSIONS IN INCHES









Catalog No.	Catalog No. with Coil Spring	Nom. Size	Kind	Dimen. A Overall Length	Dimen. B Jaws, Length	Dimen. C Jaws, Thickness at Joint	Dimen. D Jaws, Width at Joint	Dimen. E Handles Overall Width	Dimen. F Jaws, Thickness at Tips	Dimen. G Jaws, Width at Tips	Special Characteristics
CN54		4	Curved Needle Nose	4 1/2	3/4 (H)	1/4	7/16	1 7/8	3/64	3/64	Same as LN54 except nose is bent 60 degrees, smooth jaws
CN55		5	Curved Needle Nose	5 3/4	7/16 (H)	1/4	1/2	2 1/16	1/16	1/16	Same as LN55 except nose is bent 45 degrees, smooth jaws
CN56		6	Curved Needle Nose	6	1 1/2 (H)	3/8	11/16	2 1/16	1/8	3/32	Same as LN56 except nose is bent 75 degrees
DB58		8	Short Nose Long Reach Duck Bill	8	1 5/16	7/16	9/16	1 7/8	1/8	1/4	
DN54		4	Duck Bill	4 7/8	13/16	1/4	7/16	1 7/8	3/32	5/32	Flat nose with smooth jaws. Scored jaws available on special order.
DN55		5	Duck Bill	5 5/8	1 1/2	9/32	1/2	1 7/8	1/16	3/32	Smooth jaws
DN56		6	Short Duck Bill	6 3/4	2 1/16	3/8	3/4	1 13/16	3/32	11/32	Serrated jaws
DN58		8	Long Nose Duck Bill	8	3	3/8	11/16	1 13/16	1/8	11/32	Extra long flat jaws. Scored jaws.
EC54		4	Transverse End Cutting	4 5/8	1	1/4	7/16	1 7/8	3/16	1/8	For cutting close to printed circuits Specify EC54F for flush edges
GA54		4	Angle Cutter	4 3/16	3/8	1/4	7/16	2 1/16	3/32 (H)		Flush cutting, jaws angled 29 degrees
GA54-2		4	Angle Cutter	4 3/16	3/8	1/4	7/16	2 1/16			Rounded back
GA54-4		4	Angle Cutter	4 3/16	3/8	1/4	7/16	2 1/16	3/32 (H)		Carbide blades on GA54
LC55		5	Long Nose	5 3/4	1 5/8	1/4	1/2	2 1/16	1/4	1/32	Same as LC56 except 5 inches overall
LC55-1		5	Short Nose	5 1/8	7/8	1/4	1/2	2 1/16	3/16	9/32	Angle cut for nickel ribbon
LC55-2		5	Short Nose	5 1/8	7/8	1/4	1/2	2 1/16	3/16	9/32	Same as above with more clearance behind cutters
LC56	LC56R	6	Special Long Nose (Straight Cut)	6 1/2	1/4	3/8	11/16	2 1/16			With very fine cutter on end of nose for reaching into confined areas. Cutter is 1/4 inch long.
LC56-1	LC56-1R	6	Special Long Nose (Angle Cut)	6 1/2	1/4	3/8	11/16	2 1/16			1/4 inch cutter is at a 45 degree angle
L4		4	Long Nose	4	13/16	1/4	3/8	1 3/4	1/32	1/32	Sub-Miniature long nose with very fine nose
L4-1		4	Long Nose	4	13/16	1/4	3/8	1 3/4	1/32	1/32	Smooth jaws
LN54	LN54R	4	Long Nose	4 7/8	1 3/16	1/4	7/16	1 7/8	3/64	3/64	Scored jaws
LN54-1		4	Long Nose	4 7/8	1 3/16	1/4	7/16	1 7/8	3/64	3/64	Round edges, smooth jaws
LN54-2		4	Long Nose	4 7/8	1 3/16	1/4	7/16	1 7/8	1/32	1/32	Very fine points. Scored jaws
LN55		5	Long Nose	6	1 15/16	9/32	1/2	1 7/8	3/64	3/64	Scored jaws

COPALOY and DIAMALLOY ELECTRONIC PLIERS

SIZES and DIMENSIONS IN INCHES

Catalog No.	Catalog No. with Coil Spring	Nom. Size	Kind	Dimen. A Overall Length	Dimen. B Jaws, Length	Dimen. C Jaws, Thickness at Joint	Dimen. D Jaws, Width at Joint	Dimen. E Handles Overall Width	Dimen. F Jaws, Thickness at Tips	Dimen. G Jaws, Width at Tips	Special Characteristics
LN55-1		5	Long Nose	6	1 15/16	9/32	1/2	1 7/8	3/64	3/64	Smooth jaws with pilot pin
LN55-3		5	Long Nose	6	1 15/16	9/32	1/2	1 7/8	3/64	3/64	Scored jaws, with pilot pin
LN56	LN56R	6	Long Nose	6 3/4	1 15/16	3/8	11/16	2 1/16	1/8	3/32	
LN57		7	Long Nose	7 1/2	2 11/16	3/8	11/16	2 1/16	1/8	3/32	
LN57-1	LN57-1R	7	Long Nose	7 1/2	2 11/16	3/8	11/16	2 1/16	1/16	3/64	Fine scoring, fine tips, and pilot pin
NN54		4	Needle Nose	4 7/8	1 3/16	1/4	7/16	1 7/8	3/64	3/64	Scored jaws
NN54-1		4	Needle Nose	4 7/8	1 3/16	1/4	7/16	1 7/8	3/64	3/64	With smooth, slightly rounded jaws
NN54-2		4	Needle Nose	4 7/8	1 3/16	1/4	7/16	1 7/8	1/32	1/32	Fine point, scored jaws
NN55		5	Needle Nose	6 1/8	1 7/8	1/4	1/2	2 1/16	3/32	1/16	Scored jaws
NN55-1		5	Needle Nose	6 1/8	1 7/8	1/4	1/2	2 1/16	3/32	1/16	Smooth jaws with pilot pin
NN55-3		5	Needle Nose	6 1/8	1 7/8	1/4	1/2	2 1/16	3/32	1/16	Scored jaws, with pilot pin
NN56	NN56R	6	Needle Nose	6 3/4	1 15/16	3/8	11/16	2 1/16	7/64	3/64	Scored jaws
NN57		7	Needle Nose	7 1/2	2 11/16	3/8	11/16	2 1/16	7/64	3/64	Scored jaws
NN58		8	Long Reach—Needle Nose	7 7/8	1 1/4	7/16	9/16	1 7/8	3/32	3/32	Similar to DB58, but fine needle point jaws
MS54		4	Diagonal Cutting	4 1/4	7/16	1/4	7/16	1 7/8			Miniature diagonal
MS54-1		4	Diagonal Cutting	3 7/8	7/32	1/4	7/16	1 7/8		3/32	Stub nose diagonal with narrow tips
MS54-2		4	Diagonal Cutting	4	1/4	1/4	7/16	1 7/8			Carbide shear for cutting transistor leads
MS54-3		4	Diagonal Cutting	4 1/4	7/16	1/4	7/16	1 7/8			Ground down on back. Flush cut, tapered point
MS54-4		4	Diagonal Cutting	4 1/4	11/32	1/4	7/16	1 7/8			Miniature diagonal, flush cut carbide edges
MS54-5		4	Diagonal Cutting	4 1/4	7/16	1/4	7/16	1 7/8			Straight sides, flush ground
MS54-6		4	Diagonal Cutting	3 7/8	1/4	1/4	7/16	1 7/8			Has short nose for high leverage. Flush cutting edges
MS54-7		4	Diagonal Cutting	4 1/4	7/16	1/4	7/16	1 7/8			Has flush edges
MS54G		4	Diagonal Cutting	4 1/4	7/16	1/4	7/16	1 7/8			Has flush edges, tapered point, narrow tip
MS54GW		4	Diagonal Cutting	4 1/4	7/16	1/4	7/16	1 7/8			Has flush edges, tapered point, narrow tip, and wire holder
MS54W		4	Diagonal Cutting	4 1/4	7/16	1/4	7/16	1 7/8			Wire holder
RN54		4	Round Nose	4 1/2	7/8	1/4	7/16	1 7/8	3/32	3/64	Wire loop plier
S54	S54R	4	Diagonal Cutting	4 7/16	5/8	5/16	9/16	1 7/8			
	S54RG	4	Diagonal Cutting	4 7/16	5/8	5/16	9/16	1 7/8			Has flush edges, tapered point and narrow tip
S54-5RP		4	Diagonal Cutting	4 7/16	5/8	5/16	9/16	1 7/8			Straight sides, flush ground
S54-6		4	Diagonal Cutting	6	5/8	5/16	9/16	1 7/8			Long handles, flush cut
S55	S55R	5	Diagonal Cutting	5 1/16	3/4	3/8	5/8	1 7/8			
	S55RG	5	Diagonal Cutting	5 1/16	3/4	3/8	5/8	1 7/8			Has flush edges, tapered point and narrow tip
S55-3RP		5	Diagonal Cutting	5 1/16	3/4	3/8	5/8	1 7/8			Ground down on back, flush cut, tapered point
S55-5RP		5	Diagonal Cutting	5 1/16	3/4	3/8	5/8	1 7/8			Straight sides, flush ground
S56	S56R	6	Diagonal Cutting	6	13/16	3/8	11/16	2 1/16			
S56S		6	Diagonal Cutting	6	9/16	3/8	11/16	2 1/16			Short nose for high leverage
	S56RG	6	Diagonal Cutting	6	13/16	3/8	11/16	2 1/16			Has flush edges, tapered point, narrow tip
S56-3RP		6	Diagonal Cutting	6	13/16	3/8	11/16	2 1/16			Ground down on back, flush cut, tapered point
S57	S57R	7	Diagonal Cutting	7 1/4	1	15/32	15/16	1 7/8			
	S57RG	7	Diagonal Cutting	7 1/4	1	15/32	15/16	1 7/8			Has flush edges, tapered point, narrow tip
S57-3RP		7	Diagonal Cutting	7 1/4	1	15/32	15/16	1 7/8			Ground down on back, flush cut, tapered point
SS57		7	Heavy Duty Diagonal	7 1/8	13/16	1/2	1 1/4	1 7/8			Heavy duty lap joint diagonal
SS57F		7	Heavy Duty Diagonal	7 1/8	13/16	1/2	1 1/4	1 7/8			Same as SS57 but has flush ground edges and bent handles
SS57SF		7	Heavy Duty Diagonal	6 7/8	1/2	1/2	1 1/4	1 7/8			Same as SS57 but has stub nose and flush ground edges
SS58		8	Heavy Duty Diagonal	8	2 3/32	1/2	1 3/16	1 7/8			Heavy duty lap joint diagonal
SS58F		8	Heavy Duty Diagonal	8	2 3/32	1/2	1 3/16	1 7/8			Same as SS58, but has flush ground edges and bent handles
SC54		4	Long Nose, Tip Cut	4 7/8	1 3/16	1/4	7/16	1 7/8	3/64	3/64	3/16 inch cutter, located 1/8 inch from end. End can be ground off to make end cutter
SC56	SC56R	6	Long Nose Anvil Cut	6	1 5/16	3/8	11/16	2 1/16	3/32	3/32	Flat anvil on one side of jaw. 1/4" cutter in center of other jaw 3/16" from tip
SN54		4	Long Nose, Side Cutting	4 7/8	1 3/16	1/4	7/16	1 7/8	3/64	3/64	
SN54-2		4	Long Nose, Side Cutting	4 7/8	1 3/16	1/4	7/16	1 7/8	1/32	1/32	Radius edge 1/4" from end, fine Point
SN55			Long Nose, Side Cutter	6	1 15/16	9/32	1/2	1 7/8	3/64	3/64	
SN56	SN56R	6	Long Nose, Side Cutting	6 3/4	1 15/16	3/8	11/16	2 1/16	1/8	3/32	
SN57		7	Long Nose, Side Cutting	7 1/2	2 11/16	3/8	11/16	2 1/16	1/8	3/32	
SN58P		8	Long Nose, Side Cut	8 1/2	2 7/8	1/2	15/16	2	1/8	1/8	
ST55	ST55R	5	Wire Stripping	5 1/16	3/4	3/8	5/8	1 7/8			Has 3 counterbored holes for stripping 18, 20, 22 gauge wire

DIAMALLOY® HANDY TOOL

DIAMALLOY®

DH16

HANDYBOY TOOL

ALL IN ONE!

Originally designed and manufactured for U. S. Ski Troops, this unique tool finds countless uses with handymen, sportsmen, hobbyists and housewives. It belongs in every kitchen, workshop, auto, tool kit and tackle box.

PLIER ▪ WIRE CUTTER ▪ WRENCH SCREWDRIVER . . . *all in one!*

The Handyboy Tool is drop forged of special alloy steel, with electronically hardened cutting edges, and is carefully finished with highly polished chrome plating.

D36

GENUINE LEATHER BELT HOLSTER

Handy genuine leather belt holster with positive safety snap. Available at additional cost. Order holster No. D36.

DH16C

Handyboy Tools are individually boxed in colorful retail package, or in plain white boxes, if desired, for gift and premium use. Orders of six are packed in retail display carton shown at left.

Number	Over-all Length	Capacity Plier	Capacity Wrench	Weight per Tool
DH16	6½ In.	1 In.	½ In.	5 Oz.
DH16C Six-pack	6½ In.	1 In.	½ In.	5 Oz.
D36 Holster	To fit handyboy tool.			2 Oz.

DIAMOND® and DIAMALLOY® HANDY TOOLS

TL26, T28, T29

DIAMOND CRATE OPENERS

Drop forged from a solid bar of fine quality tool steel hardened and tempered. Furnished with nickel plating. Packed six in a box.

STANDARD DIAMOND CRATE OPENER

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
T28 nickel plated	8	10 oz.
T29 nickel plated	9¼	15 oz.

LITTLE DIAMOND CRATE OPENER

TL26 nickel plated	6½	9 oz.

TC29,

DIAMOND ALL-PURPOSE UTILITY TOOL

Drop forged from tough Diamalloy steel throughout. Available in nickel plated finish. Packed six in a box.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
TC29 nickel plated	11	1 lb. 2 oz.

R510

R510P

DIAMALLOY FENCE TOOL

For use on metal or wood posts, with no other tools needed. Heavy lock-joint construction with oval faced jaws. Starting and pulling point is on one jaw, corrugated hammer head on the other. Good staple puller, lug lifter and wire splicer in front—wire stretcher in back of joint. Wire cutter on each side will cut double strand barbed wire. Highly polished head with gun metal handles, knurled grip. Also available with nickel chrome plated finish and orange or green dipped plastic handles.

NUMBER	SIZE, INCHES	WEIGHT PER TOOL
R510 semi-pol.	10	1 lb. 7 oz.
R510P plastic handles & nickel plated	10	1 lb. 8 oz.

HB28P

DIAMALLOY BATTERY PLIERS

Especially designed to grip and turn terminal nuts on batteries, no matter how badly corroded and mutilated. Nickel chrome plated. Plastic handles.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
HB28P	8	1	8 oz.

KC18

Especially for applying and removing spring hose clamps. The recesses in the jaws grip the ends of the spring so it cannot slip or twist. Grips with either end or side of jaw, for reaching easily into tight places. Slip ring on handle allows mechanic to remove hand from plier to adjust hose. Nickel chrome finish.

NUMBER	SIZE, INCHES	CAPACITY, INCHES	WEIGHT PER TOOL
KC16 no slip ring	6	0-1	8 oz.
KC18 with slip ring	8	0-1¾	9 oz.

LR58

LOCK RING PLIERS

Lock rings are very easily removed with these pliers. Drop forged of Diamalloy steel. Polished head with gun metal handles. Spring opening. Offset jaw tips are scored on the outside to prevent slipping.

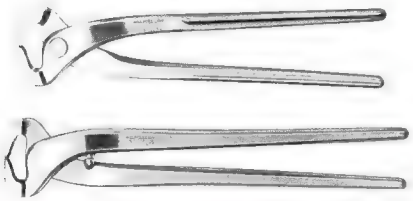
NUMBER	SIZE, INCHES	LENGTH OF JAWS, INCHES	WEIGHT PER TOOL
LR58	8	1½	6 oz.

DIAMALLOY® NIPPERS

GGO6 ,GGO8

A very high quality tool, useful in any kit. Special hardened cutting edges stand severest cutting and insure greater toughness in the rest of the tool. Drop forged of Diamalloy steel. Nickel plated with polished head.

NUMBER	SIZE, INCHES	CUTTING EDGE WIDTH, INCHES	WEIGHT PER TOOL
GGO6	6	21/32	8 oz.
GGO8	8	11/16	12 oz.



GGO10, GGO14

DIAMALLOY HEAVY DUTY CUTTING NIPPERS

A strong, yet conveniently lightweight nipper, very practical in construction work. Has great leverage and will cut large size nails and wires. Drop forged from high quality Diamalloy steel. Handles and jaws are heat treated and tempered to great toughness. Sharp cutting edges are hardened and honed. Nickel plated with polished head.

NUMBER	SIZE, INCHES	CUTTING EDGE WIDTH, INCHES	WEIGHT PER TOOL
GGO10	10	15/16	16 oz.
GGO14	14	15/16	2 lb. 1 oz.

G56

G56P, G57P, G58P

DIAMALLOY END CUTTING NIPPERS

Designed with wide throat clearance and high leverage. Jaws at just the right angle for easiest cutting. Drop forged from tough Diamalloy steel, with handles and jaws extremely increased in strength and toughness and cutting edges electronically hardened. Polished head with gun metal handles. Also available with plastic dipped handles; specify letter P after stock number.

NUMBER	SIZE, INCHES	CUTTING EDGE WIDTH, INCHES	WEIGHT PER TOOL
G56	6	1 1/16	8 oz.
G57	7	1 5/32	11 oz.
G58	8	1 1/4	14 oz.

GT28C carbide cutters

GT28

DIAMALLOY PROFESSIONAL TILE NIPPERS

The ideal tool for cutting all types of tile, with carbide cutters that will outlast regular tool steel many times. Popular offset jaw design. Handle stops prevent jaws from biting completely together. Chrome plated with dipped plastic handles. GT28 does not have carbide edges. GT28C has spring between handles.

NUMBER	SIZE, INCHES	CUTTING EDGE WIDTH, INCHES	WEIGHT PER TOOL
GT28	8	5/8	12 oz.
GT28C carbide cutters	8	5/8	12 oz.

DIAMALLOY METAL CUTTING SNIPS

STRAIGHT CUTTING

CIRCULAR CUTTING

HEAVY DUTY

Diamalloy Metal Cutting Snips have a very smooth cutting action on all kinds of sheet metal, soft to hard, and conform to Federal Specification GGG-S-291E. They are a favorite of mechanics and a popular household tool as well. Drop forged of special analysis Diamalloy steel, completely heat treated and tempered to extreme toughness. Cutting edges are electronically hardened. All snips chrome plated, with Crystal Grip plastic handles.

NUMBER	SIZE, INCHES	BLADE LENGTH, INCHES	WEIGHT PER TOOL	REPAIR BOLT & NUT
STRAIGHT PATTERN 7", 10" and 12" snips also available in Holster Hangers if specified.				
DS7 Crystal Grip handles	7	1¾	8 oz.	DSBN7
DS10 Crystal Grip handles	10	2¼	1 lb.	DSBN10
DS12 Crystal Grip handles	12¾	3	1 lb. 10 oz.	DSBN12
DS14 Crystal Grip handles	14¾	4	2 lb. 11 oz.	DSBN14
CIRCULAR PATTERN 7", 10" and 12" snips also available in Holster Hangers if specified.				
DC7 Crystal Grip handles	7	1¾	8 oz.	DCBN7
DC10 Crystal Grip handles	10	2¼	1 lb.	DCBN10
DC12 Crystal Grip handles	12¾	3	1 lb. 9 oz.	DCBN12
HEAVY DUTY SNIPS				
DSS16 Crystal Grip handles	16	2½	3 lb.	DSSBN16

DIAMALLOY® AVIATION SNIPS

LEFT CUTTING

STRAIGHT CUTTING

RIGHT CUTTING

New compound action Diamalloy Aviation Snips conform to government specifications for cutting and strength. Handles are of precision formed steel, designed for perfect balance and lighter weight. New design achieves perfect alignment and easy cutting action on up to 18-gauge metal. Blades are forged of special analysis Diamalloy steel with cutting edges serrated to prevent slipping. Narrow body of snip allows metal to pass freely over edge of snip while cutting. There is a small extra charge for the smooth, wear-resistant, slip-on, one-piece vinyl grips with thumb stops to prevent slipping. Specify G for slip-on grips.

NUMBER	SIZE, INCHES	BLADE LENGTH, INCHES	CUTS	WEIGHT PER TOOL
DAS10	10	1¾	straight	13 oz.
DAR10	10	1⅜	right	13 oz.
DAL10	10	1⅜	left	13 oz.
DAS10G	10	1¾	straight	13 oz.
DAR10G	10	1⅜	right	13 oz.
DAL10G	10	1⅜	left	13 oz.

REPAIR PARTS

DABBN10 10" Blade Bolt and Nut
DACBN10 10" Center Bolt and Nut
DAHBN10 10" Handle Bolt and Nut
DASSL10 10" Spring (straight & left hand)
DASSR10 10" Spring (right hand)

Plastic slip-on grips. Color coded for left, right, and straight. Packed one pair per card for self service merchandising.

STOCK NO.	DESCRIPTION	WEIGHT PER PAIR
SG	Yellow for DAS10	2 oz.
RG	Green for DAR10	2 oz.
LG	Red for DAL10	2 oz.

REPAIR PARTS

Diamond and Diamalloy Repair Parts Are Interchangeable

DIAMALLOY WRENCH REPAIR PARTS SOLD INDIVIDUALLY

WRENCH SIZE, INCHES	JAW NUMBER	KNURL AND SPRING NUMBER	PIN NUMBER
4	AD74J	AD74KS	AD74P
6	AD76J	AD76KS	AD76P
8	AD78J	AD78KS	AD78P
10	AD710J	AD710KS	AD710P
12	AD712J	AD712KS	AD712P
15	AD715J	AD715KS	AD715P
18	AD718J	AD718KS	AD718P
24	AD724J	AD724KS	AD724P

DIAMOND WRENCH REPAIR PARTS SOLD INDIVIDUALLY

4	A74J	A74KS	A74P
6	A76J	A76KS	A76P
8	A78J	A78KS	A78P
10	A710J	A710KS	A710P
12	A712J	A712KS	A712P
15	A715J	A715KS	A715P
18	A718J	A718KS	A718P

MONKEY WRENCH

WRENCH SIZE	JAW NUMBER	KNURL NUMBER	PIN NUMBER
12″	CC712J	CC712K	CC712P

AUTO WRENCH

9″	C79J	C79K	C79P
11″	C711J	C711K	C711P
15″	C715J	C715K	C715P
18″	C718J	C718K	C718P

CHAIN WRENCH

WRENCH SIZE	CHAIN NUMBER	CHAIN LENGTH
12″	CW12C	16″
15″	CW15C	19″
24″	CW24C	23″

PUMP PLIER BOLT & NUT

PLIER SIZE	BOLT & NUT NUMBER
5″	15BN
7″	17BN
10″	110BN
11″	111BN

GROOVE JOINT BOLT & NUT

4″	14GBN
6″	16GBN
8″	18GBN
10″	110GBN
12″	112GBN
16″	116GBN
20″	120GBN

COMBINATION OR SLIP JOINT BOLT & NUT

4″	44BN
5″	45BN
6″	46BN
8″	48BN
10″	410BN

STRAIGHT SNIP BOLT & NUT

SNIP SIZE	BOLT & NUT NUMBER
7″	DSBN7
10″	DSBN10
12″	DSBN12
14″	DSBN14

CIRCULAR SNIP BOLT & NUT

7″	DCBN7
10″	DCBN10
12″	DCBN12

HEAVY DUTY SNIP

16″	DSSBN16

AVIATION SNIP REPAIR PARTS

SNIP SIZE	BOLT & NUT NUMBER
10″	DABBN10 Blade
10″	DACBN10 Center
10″	DAHBN10 Handle
	SPRING NUMBER
10″	DASSL10 Straight & Left
10″	DASSR10 Right

COMPARATIVE CHART
FEDERAL STOCK NUMBERS

DIAMOND®

Federal Specification	Federal Stock No.	Diamond	
GGG-W-631b, Type I, Class 1	5120-240-5330	**A24**	A
GGG-W-631b, Type I, Class 1	5120-264-3795	**A26**	A
GGG-W-631b, Type I, Class 1	5120-240-5328	**A28**	A
GGG-W-631b, Type I, Class 1	5120-449-8083	**A210**	A
GGG-W-631b, Type I, Class 1	5120-264-3796	**A212**	A
GGG-W-631b, Type I, Class 1	5120-423-6728	**A215**	A
GGG-W-631b, Type I, Class 1	5120-240-1414	**A218**	A
GGG-W-631b, Type II	5120-242-3254	**C79**	
GGG-W-631b, Type II	5120-473-6476	**C711**	
GGG-W-631b, Type II	5120-264-3793	**C715**	
GGG-W-631b, Type II	5120-277-9091	**C718**	
GGG-W-631b, Type III	5120-240-5336	**CC712**	
GGG-W-631b, Type I, Class 1	5120-240-5330	**D74**	B
GGG-W-631b, Type I, Class 1	5120-264-3795	**D76**	B
GGG-W-631b, Type I, Class 1	5120-240-5328	**D78**	B
GGG-W-631b, Type I, Class 1	5120-449-8083	**D710**	B
GGG-W-631b, Type I, Class 1	5120-264-3796	**D712**	B
GGG-W-631b, Type I, Class 1	5120-423-6728	**D715**	B
GGG-W-631b, Type I, Class 1	5120-240-1414	**D718**	B
GGG-W-631b, Type I, Class 1	5120-449-8084	**D724**	B
No Specifications	5120-293-1551	**DB76**	
No Specifications	5120-293-0039	**DB78**	
GGG-P-471d, Type XII, Class 1		**CN54**	
GGG-P-471d, Type V, Class 2	5120-224-1513 Scored Jaws	**DN54**	
GGG-P-471d, Type XI, Class 1, Style B	5120-541-4078	**LN54**	
GGG-P-468, Type I, Class 1	5110-965-0974	**MS54**	
GGG-P-468, Type I, Class 1	5110-935-0890	**MS54P**	
GGG-P-471d, Type XII, Class 1	5120-239-8250	**CN56**	
GGG-P-471d, Type XV, Class 2	5120-595-9519	**DB58**	
GGG-P-471d, Type V, Class 3, Style A	5120-240-6213	**DN56**	
GGG-P-471d, Type XI, Class 1, Style B	5120-268-3579	**LN56**	
GGG-P-471d, Type XI, Class 1, Style B	5120-247-2068	**LN57**	
GGG-P-471d, Type XII, Class 2, Style A	5120-293-3481	**NN56**	
	5120-596-1115	**NN57**	
GGG-P-471d, Type XI, Class 2, Style B	5120-244-1533	**NN58**	
GGG-P-468, Type I, Class 1	5110-240-6209	**S54**	
GGG-P-468, Type I, Class 1	5110-618-2700	**S54P**	
GGG-P-468, Type I, Class 1	5110-239-8253	**S56**	
GGG-P-468, Type III	5110-596-7164	**S56S**	
GGG-P-468, Type I, Class 1	5110-222-2708	**S57**	
GGG-P-471d, Type IX, Class 1, Style A	5120-239-8254	**SL56**	
GGG-P-471d, Type IX, Class 1, Style A	5120-239-8251	**SL58**	
GGG-P-471d, Type XI, Class 1, Style A	5120-247-5177	**SN56**	
GGG-P-471d, Type XI, Class I, Style A	5120-293-0032	**SN57**	
GGG-P-468, Type III		**SS57**	
GGG-P-471d, Type II, Class 2, Style A	5120-223-7396	**K16**	
GGG-P-471d, Type II, Class 2, Style A	5120-223-7397	**K18**	
GGG-P-471d, Type II, Class 2, Style A	5120-223-7398	**K110**	

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GGG-P-471d, Type II, Class 2, Style A	5120-223-7396	**K26**
GGG-P-471d, Type II, Class 2, Style A	5120-223-7397	**K28**
GGG-P 471d, Type II, Class 2, Style A	5120-223-7398	**K210**
GGG-P-471d, Type II, Class 2, Style A	5120-223-7396	**K36**
GGG-P-471d, Type II, Class 2, Style A	5120-223-7397	**K38**
GGG-P-471d, Type II, Class 2, Style A	5120-223-7398	**K310**
GGG-P-474, Type III, Class 2, Style 2	5120-537-3375	**KC18**
GGG-P-471d, Type II, Class 3	5120-181-6819	**M16**
GGG-P-471d, Type II, Class 2, Style B	5120-278-0333	**N15**
GGG-P-471d, Type II, Class 2, Style B	5120-224-1567	**N16**
GGG-P-471d, Type II, Class 2, Style B	5120-203-6588	**N18**
GGG-P-471d, Type II, Class 1, Style A	5120-278-0350	**HL14**
GGG-P-471d, Type II, Class 1, Style A	5120-278-0351	**HL18**
GGG-P-471d, Type II, Class 1, Style A	5120-278-0352	**HL110**
No Specification	5120-781-0819	**HL112P**
No Specification	5120-781-0820	**HL116P**
Mil R12890	5120-268-3586	**DH16**
GGG-P-471d, Type II, Class 1, Style B	5120-540-2464	**HP15**
GGG-P-471d, Type II, Class 1, Style B	5120-223-7410	**HP110**
GGG-P-471d, Type II, Class 1, Style B	5120-223-7410	**HP210**
GGG-P-480A, Type III, Class 2	5110-595-9551	**LR58**
GGG-P-471d, Type XVI,	5120-293-3485	**R510**
GGG-N-350, Type I, Class 2, Style A	5110-221-1498	**G56**
GGG-N-350, Type I, Class 2, Style A	5110-221-1499	**G57**
GGG-N-350, Type II, Class 2	5120-529-0977	**GG06**
GGG-N-350, Type II, Class 2	5120-224-9918	**GG08**
GGG-N-350, Type II, Class 2	5120-224-9917	**GG010**
GGG-O-599b	5120-809-9450	**T29**
GGG-S-291e, Type II, Class 4, Design 3	5110-273-0126	**DAL10**
GGG-S-291e, Type II, Class 4, Design 2	5110-273-0127	**DAR10**
GGG-S-291e, Type II, Class 4, Design 1	5110-273-0128	**DAS10**
GGG-S-291e, Type II, Class 3	5110-221-1085	**DC7**
GGG-S-291e, Type II, Class 3	5110-221-1087	**DC12**
GGG-S-291e, Type II, Class 1, Style A	5110-293-0089	**DS12**
GGG-S-291e, Type II, Class 1, Style A	5110-180-0665	**DS14**
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